

PRIOR ART

FIG. 1a

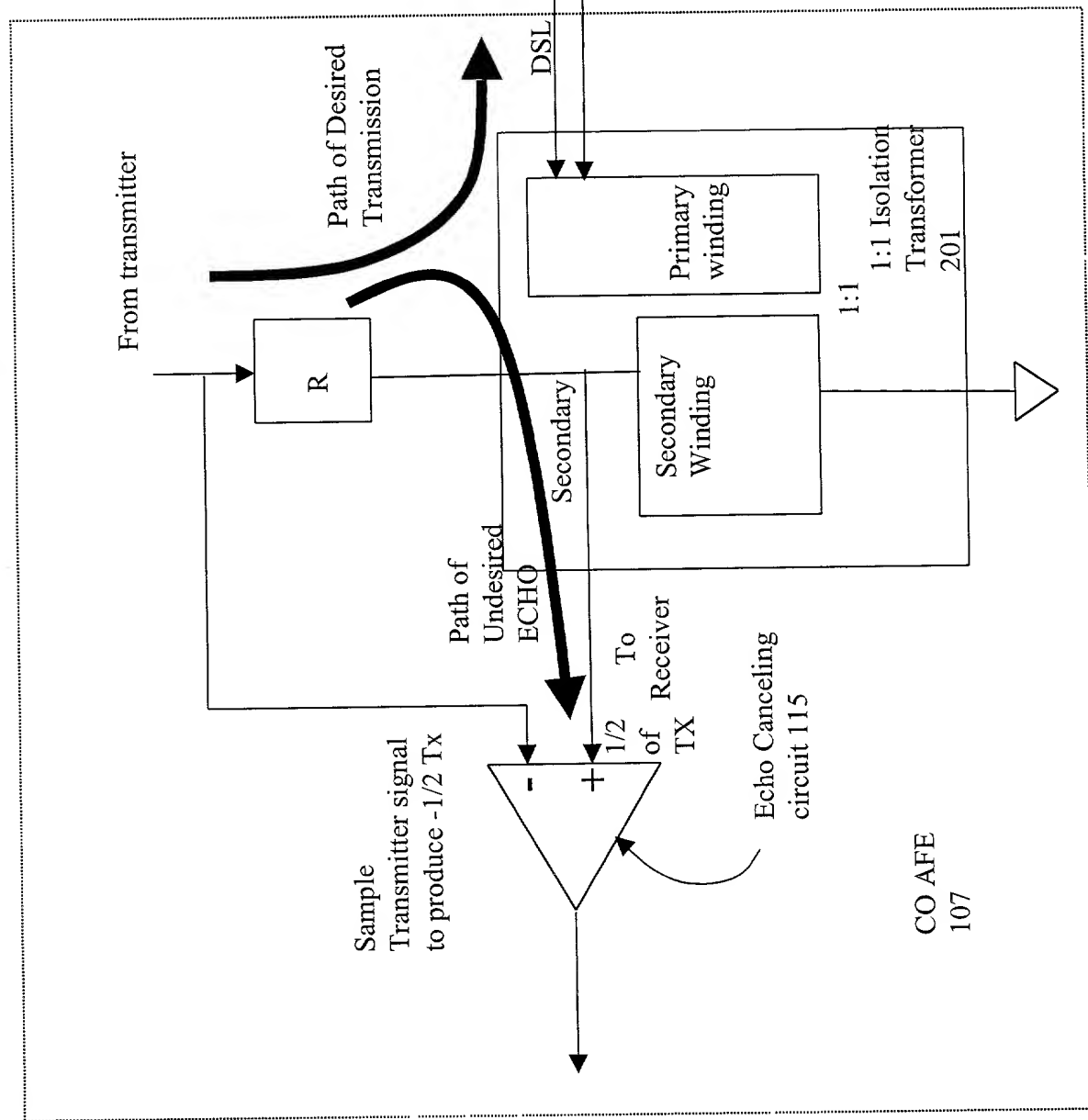
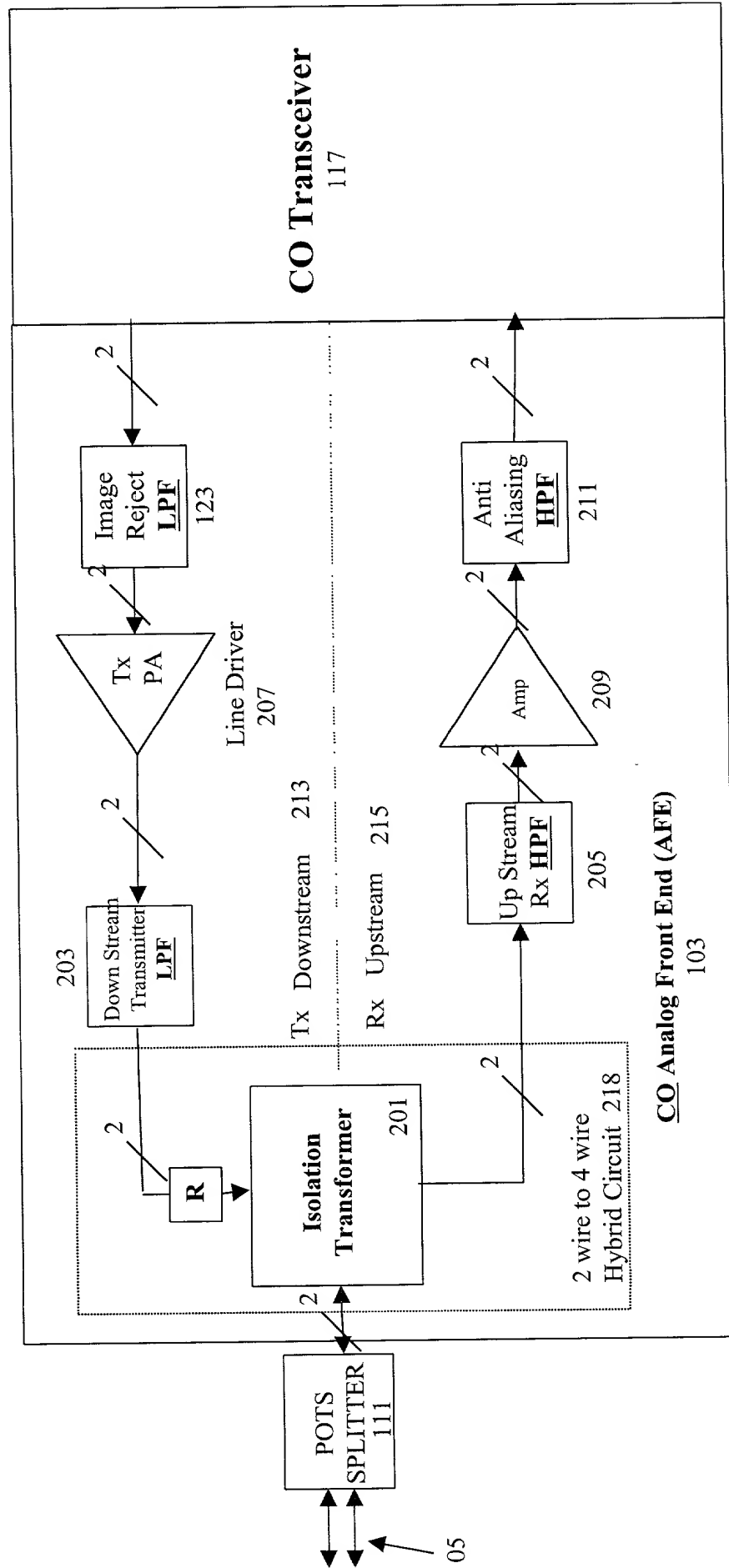


FIG. 1b

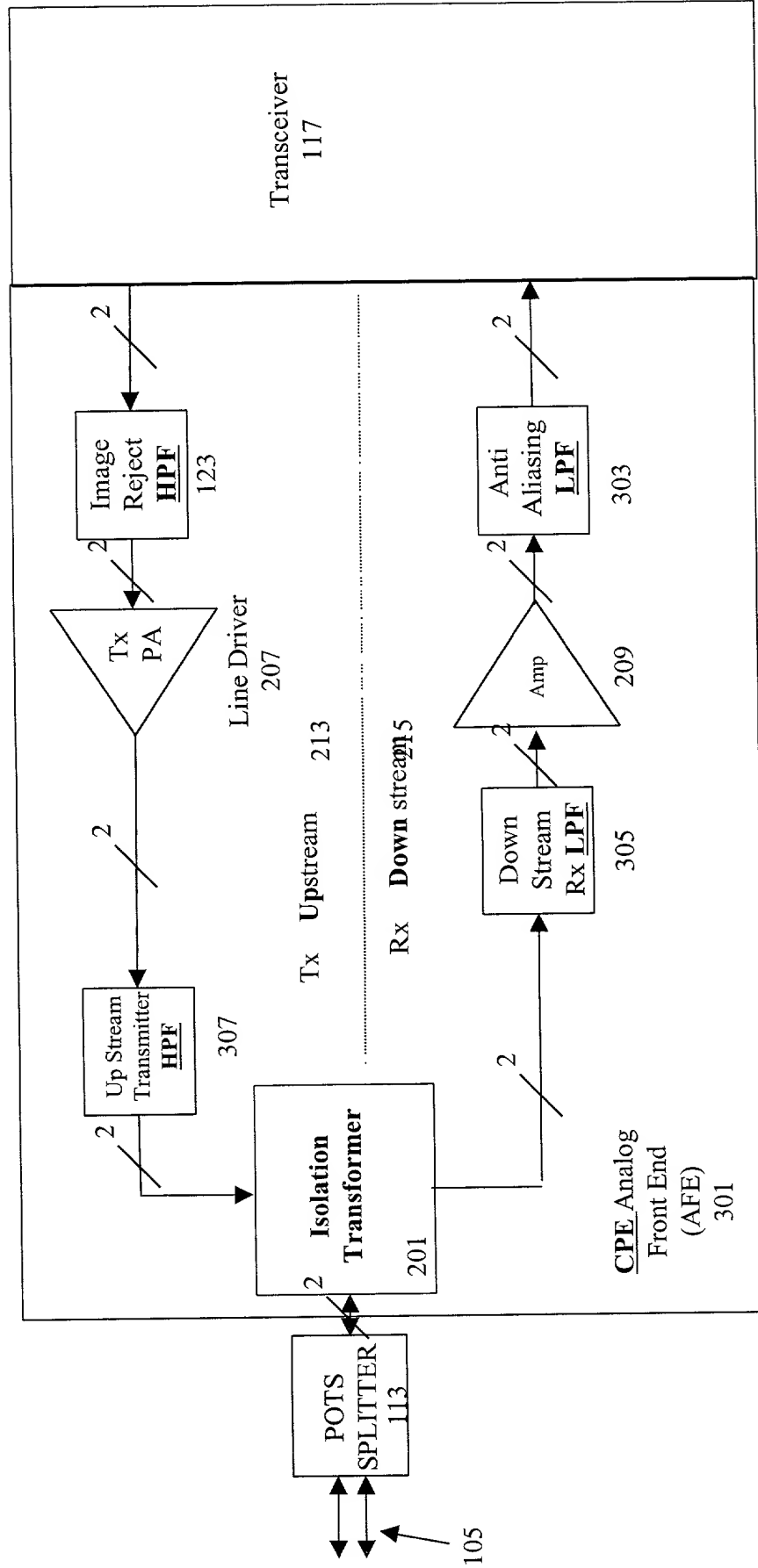
# FIG. 1 Balanced CO AFE PRIOR ART



xDSL CARD for CO

FIG. 2

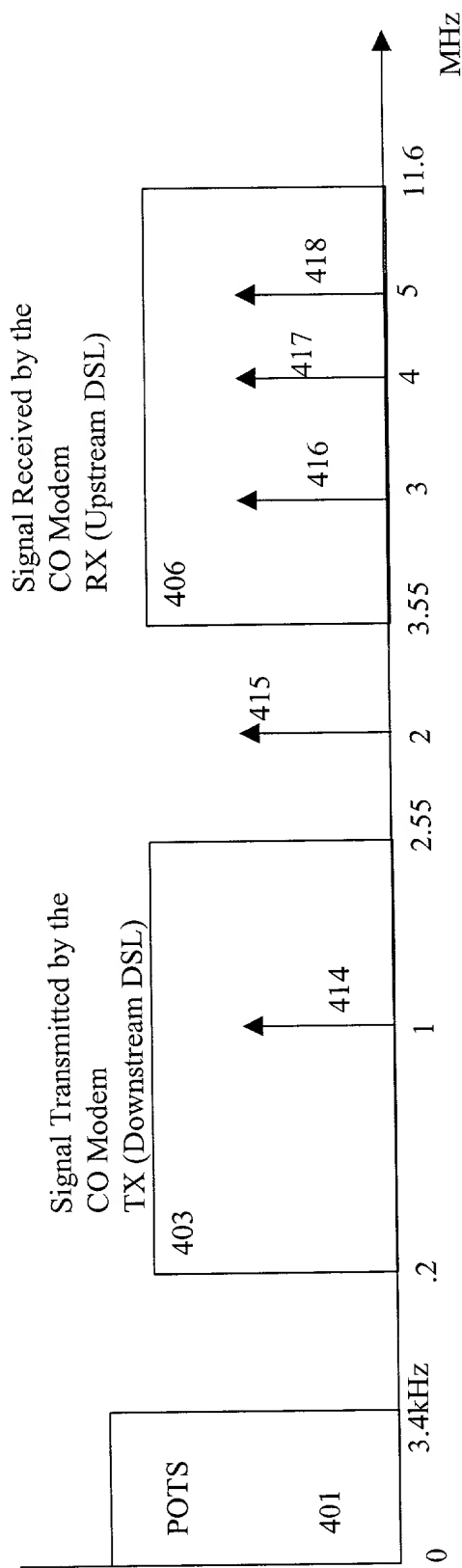
# Balanced CPE AFE PRIOR ART



xDSL CARD for CPE

FIG. 3

CO Modem 400



CPE Modem 413

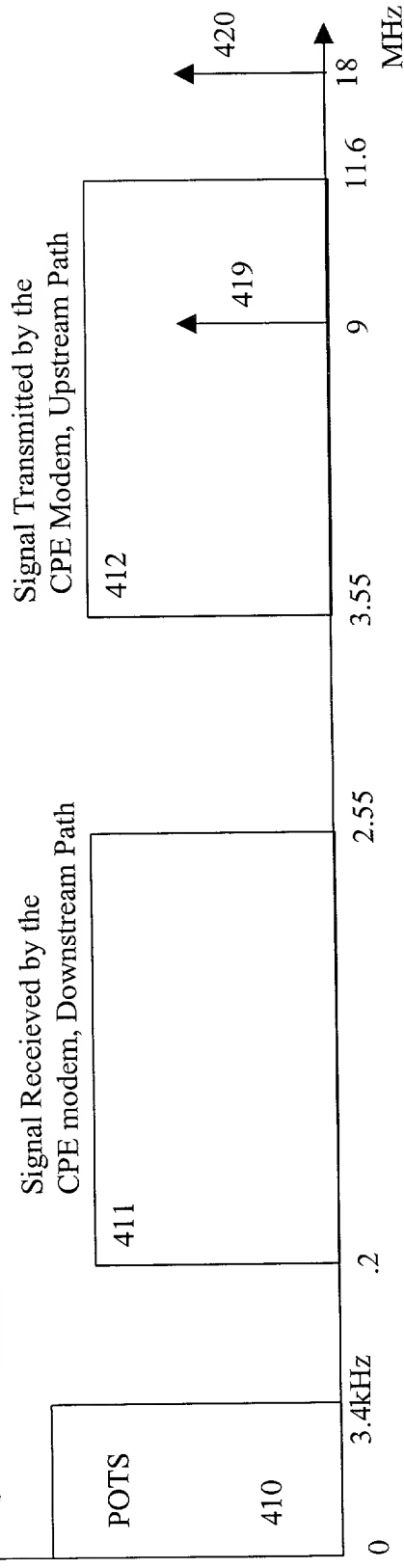
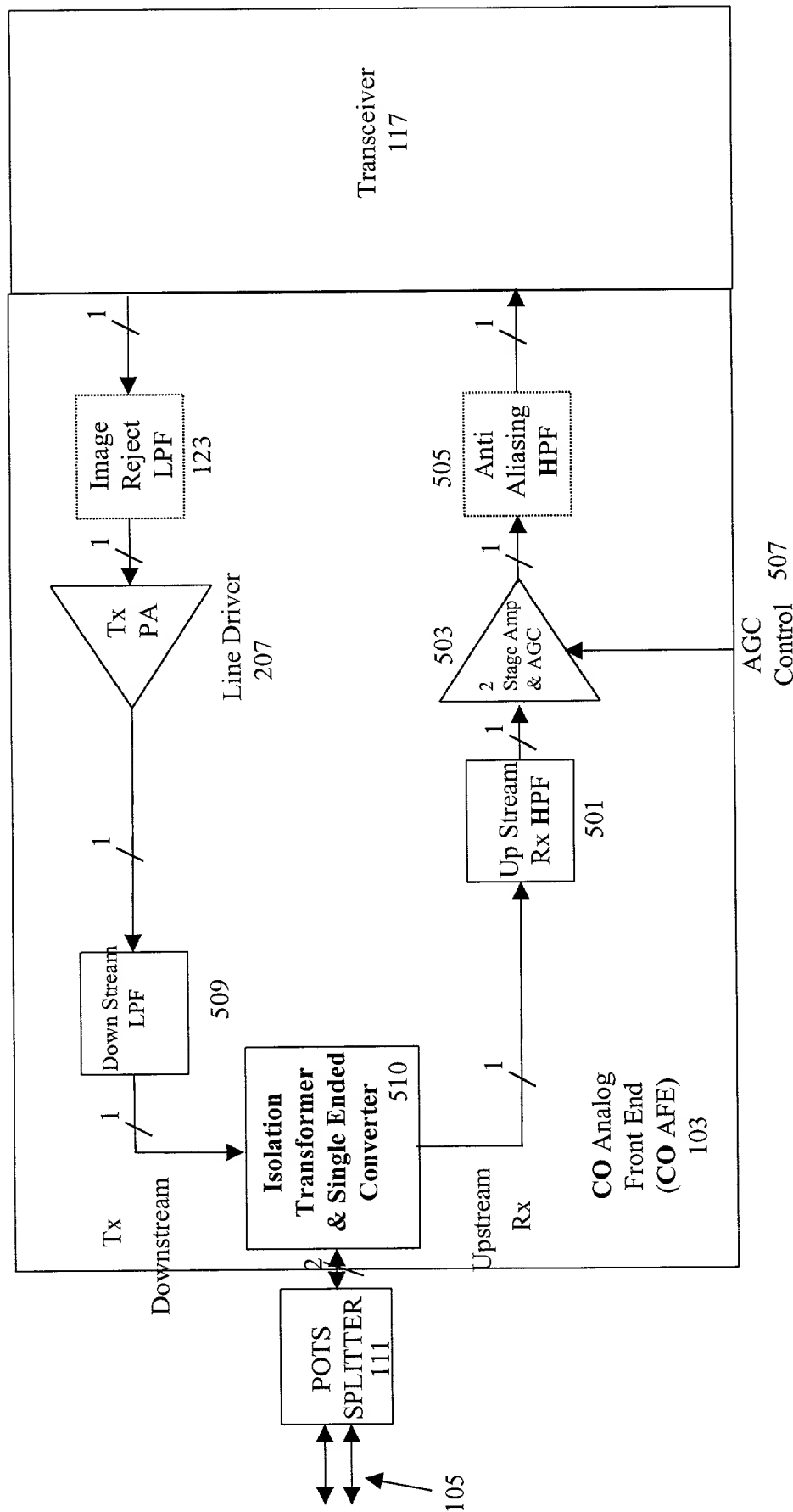


FIG. 4

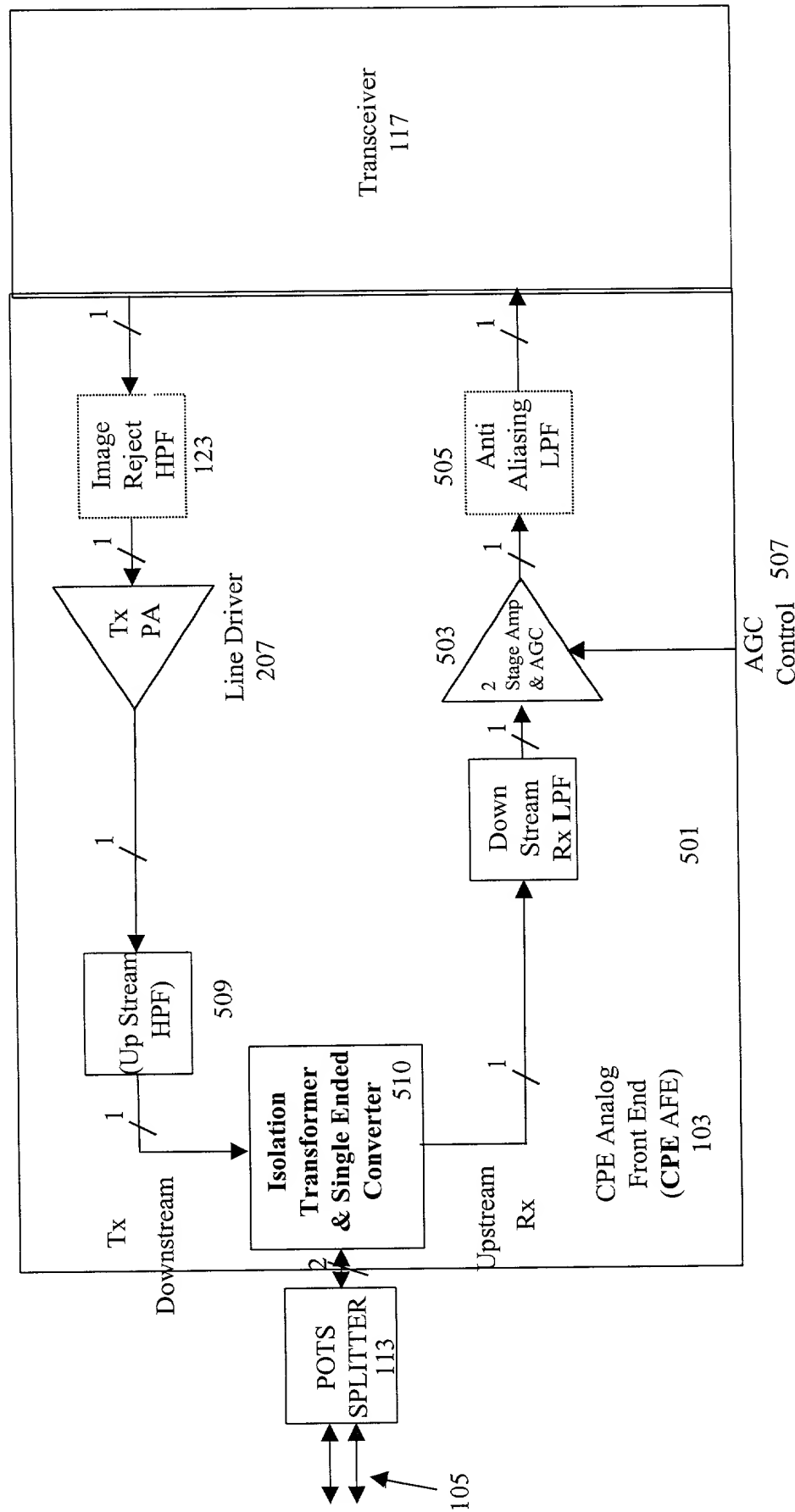
# Single Ended CO AFE



xDSL CARD for CO

FIG. 5a

# Single Ended CPE AFE



xDSL CARD for CPE

FIG. 5b

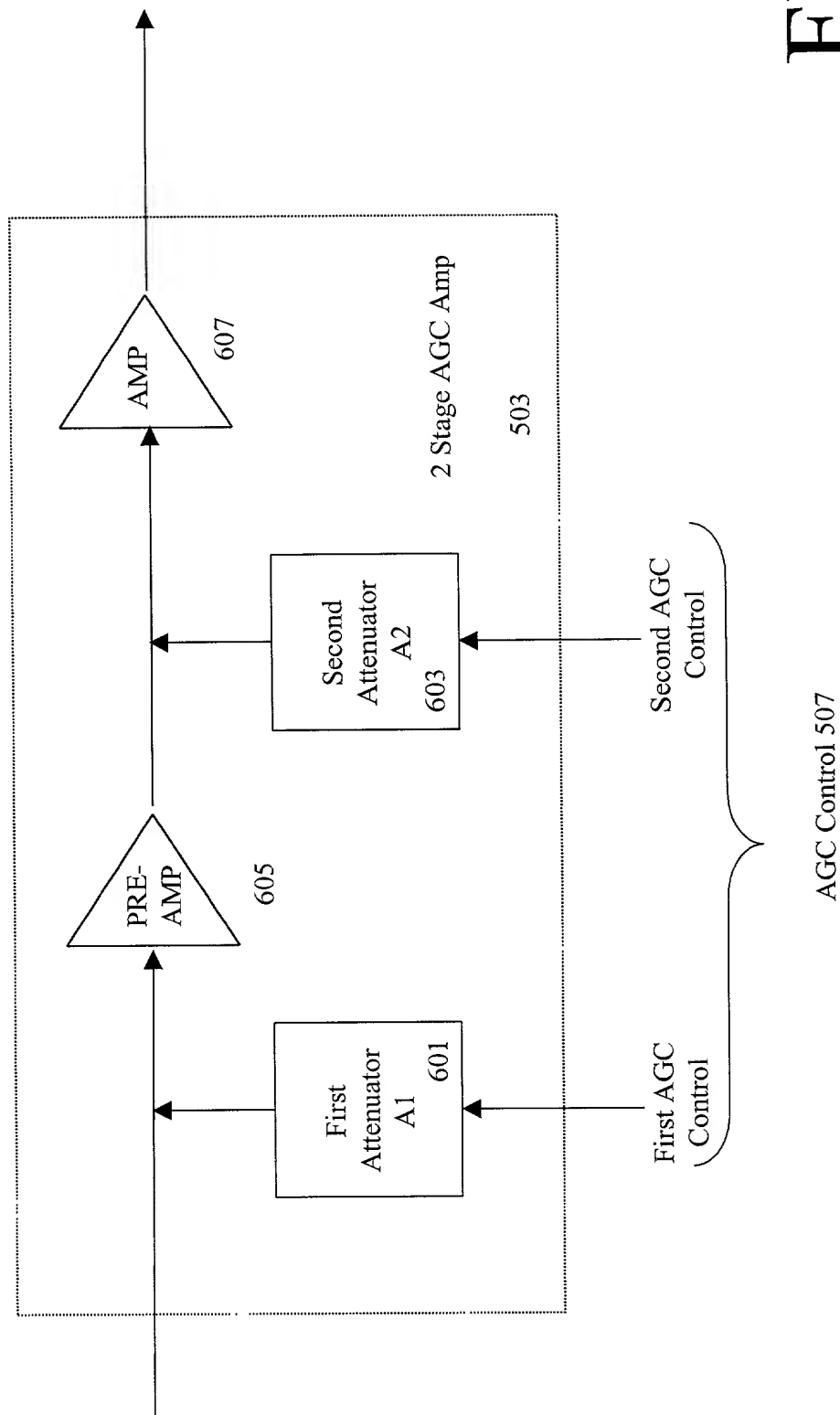
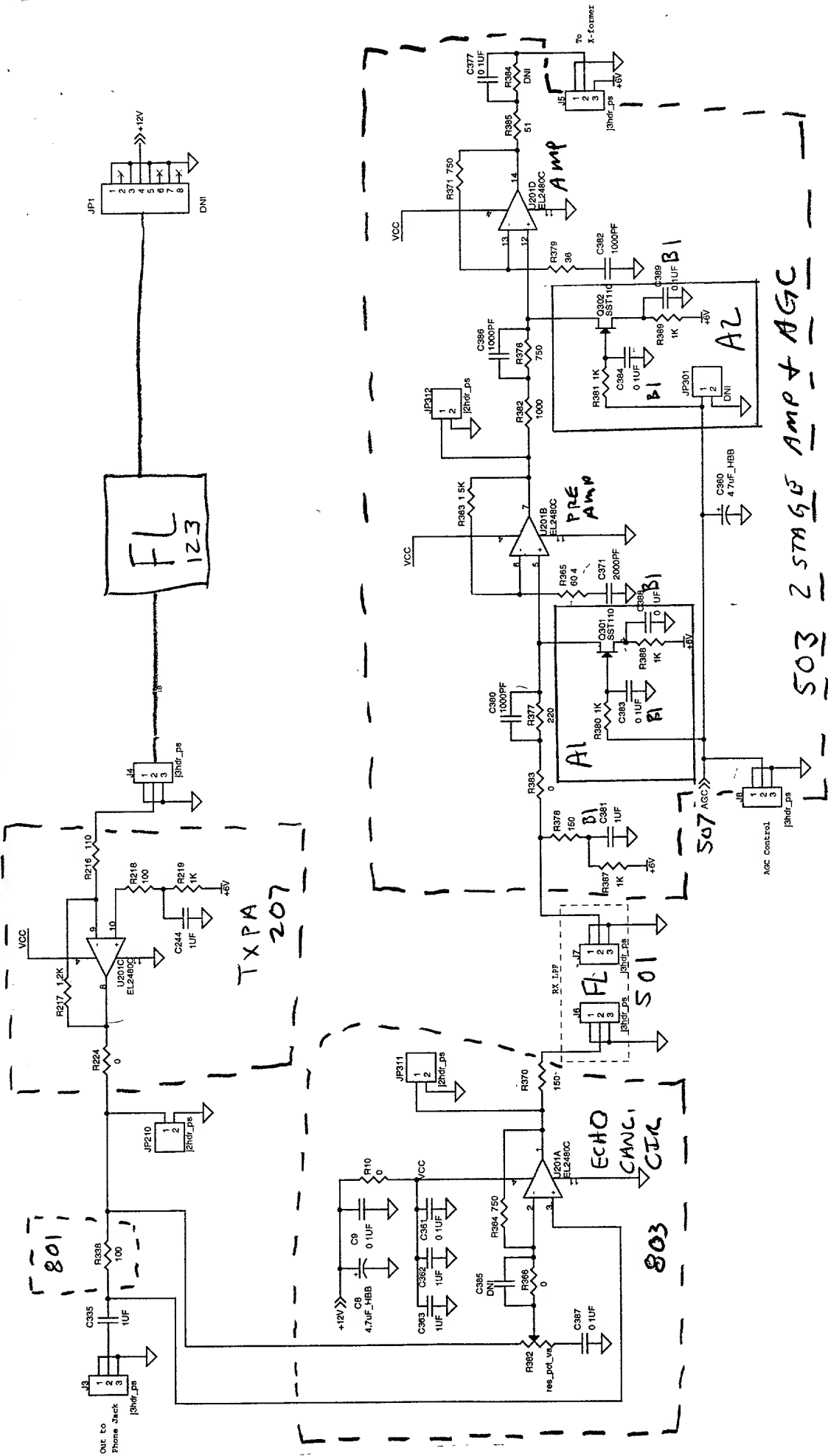
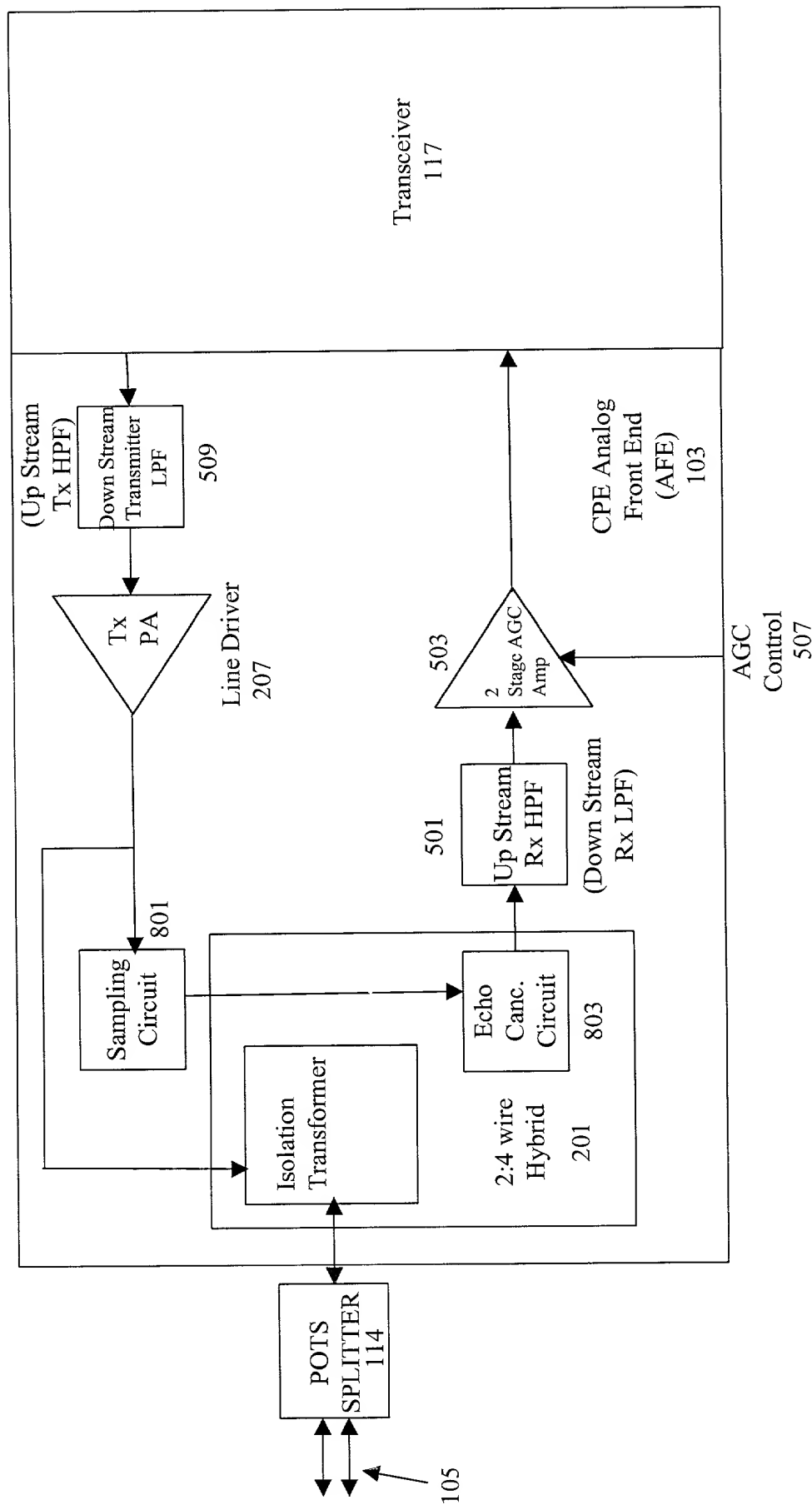


FIG. 6



[illegible]

756



xDSL CARD for CO (CPE)

FIG. 8

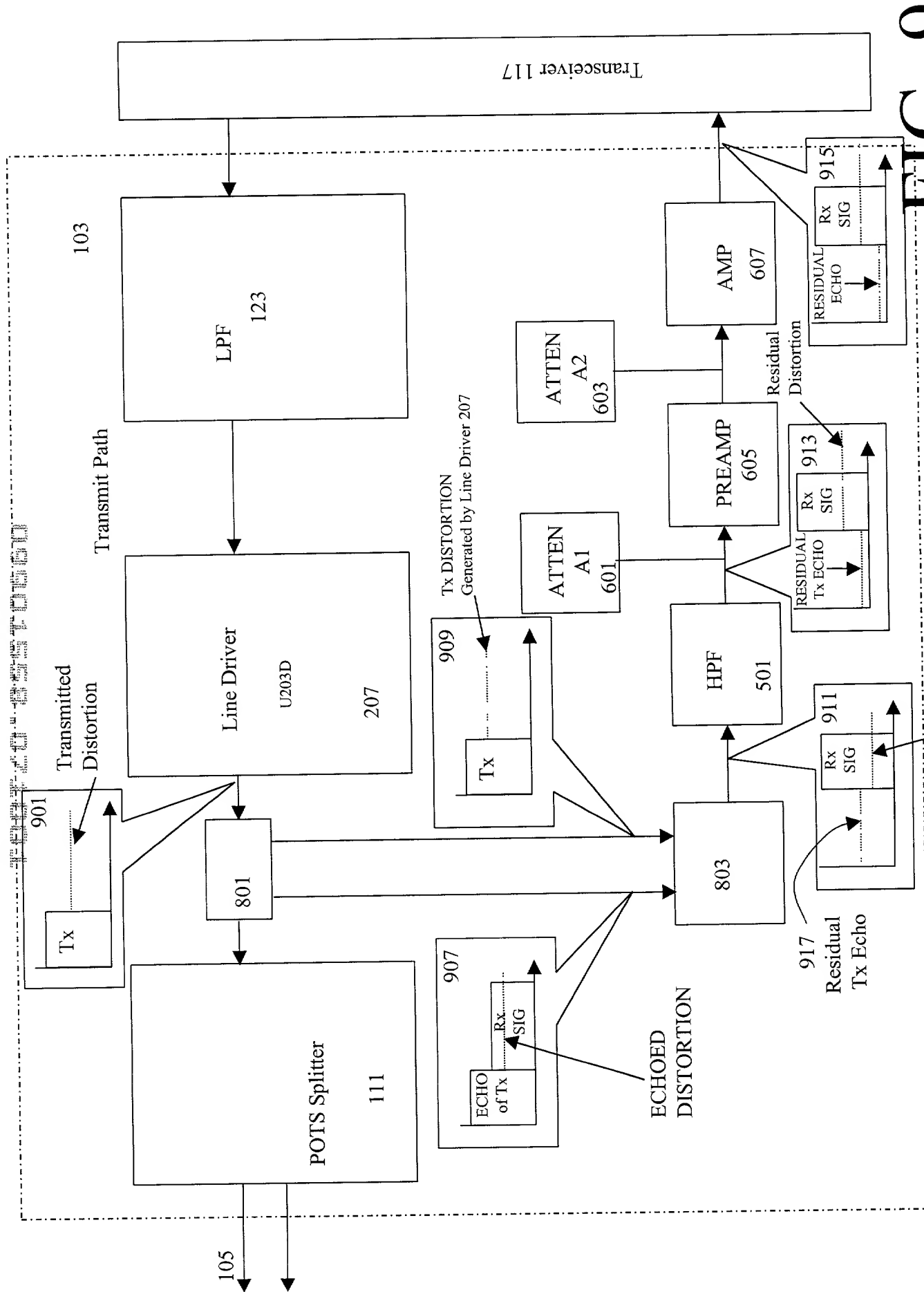


FIG. 9

CUSTOMER PREMISE EQUIPMENT (CO) SIDE AFE 919 Residual transmitter Echo Distortion

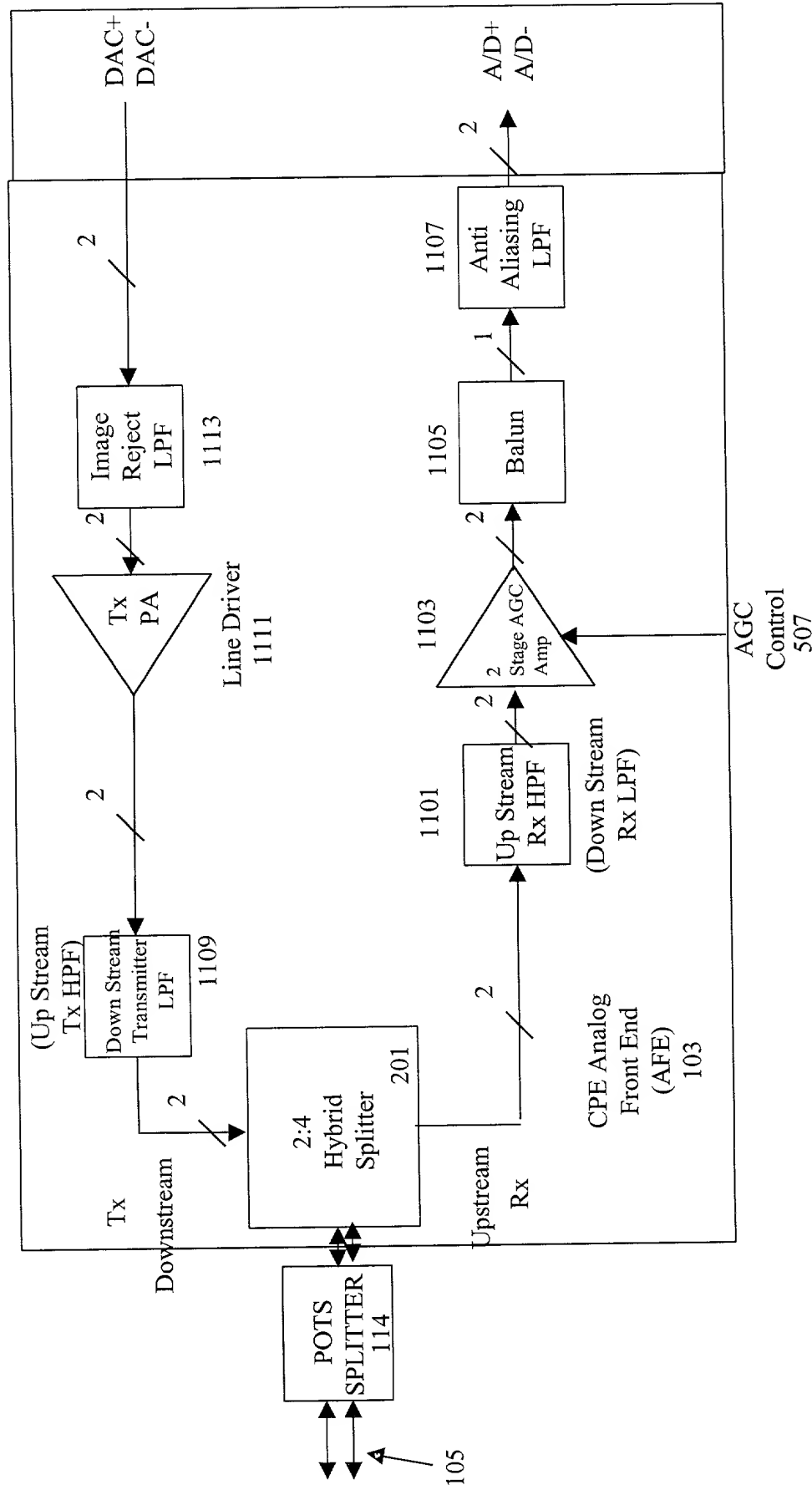
Dwarfed leaves

CPE SED



# FIG. 10 LIGHTNING INSENSITIVE AFE (BPF) EMBODIMENT

Transceiver  
117



xDSL CARD for CO (CPE)

lightning Insensitive Version

FIG. 11

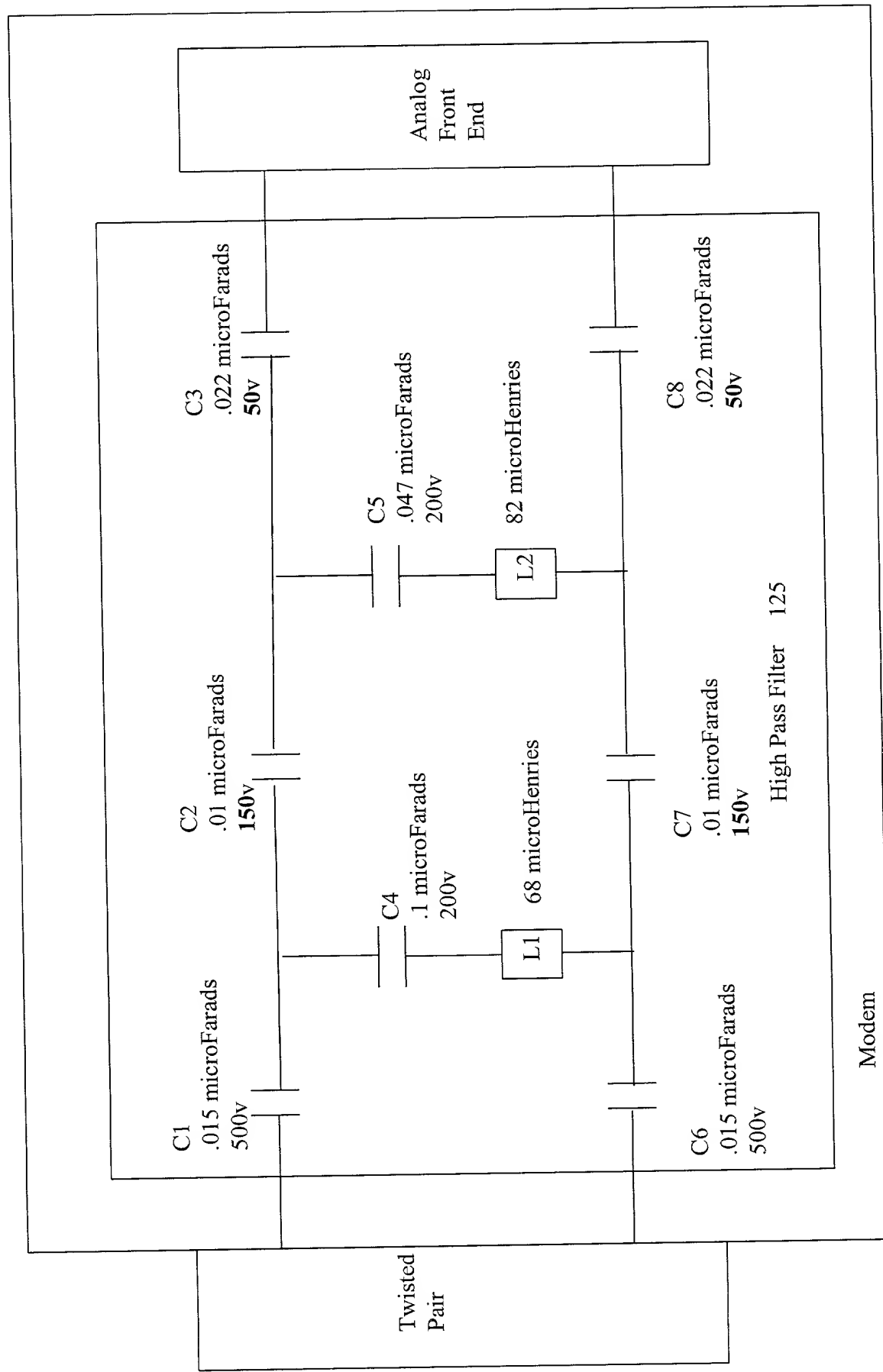


FIG.12

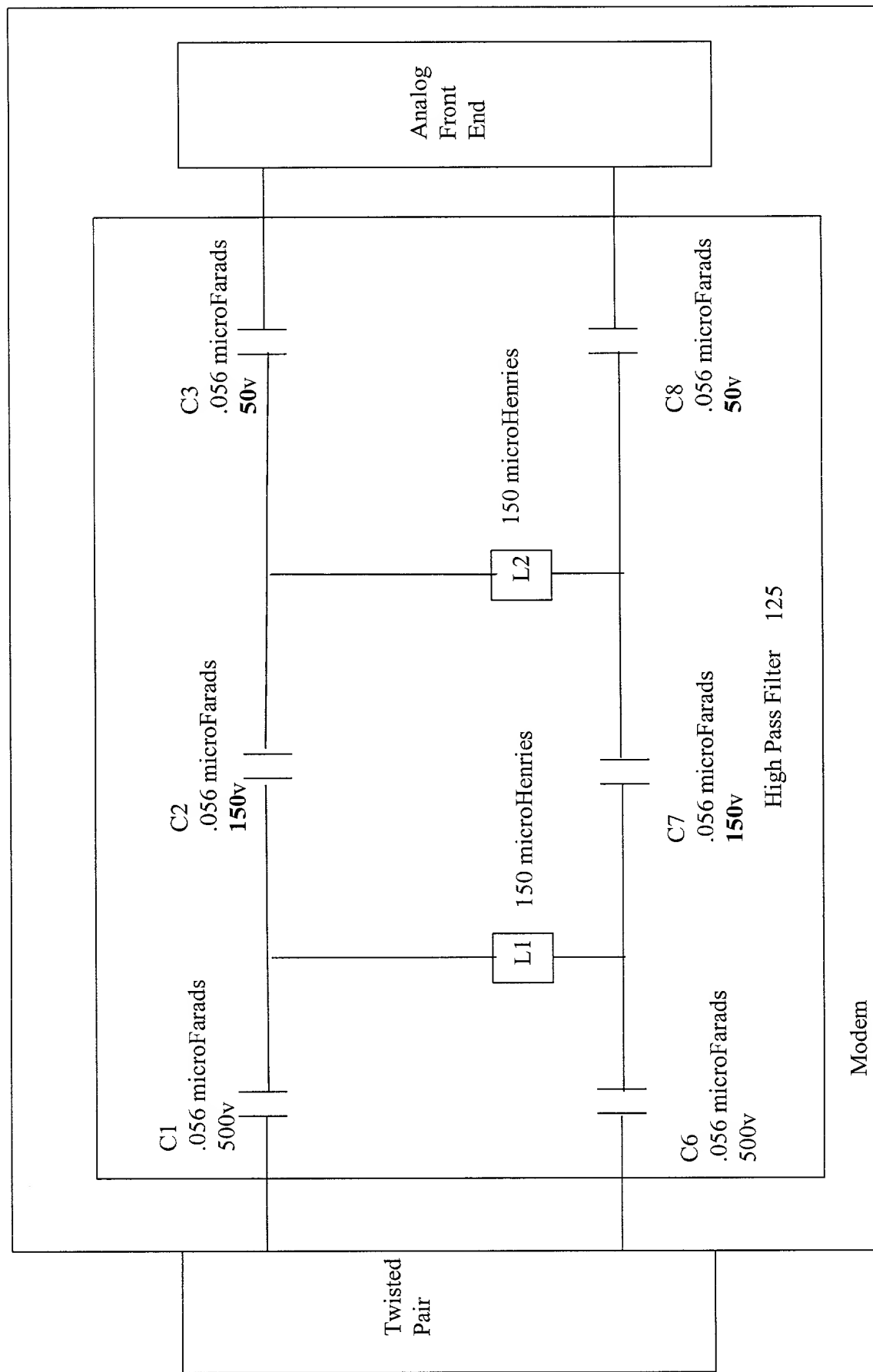


FIG.13

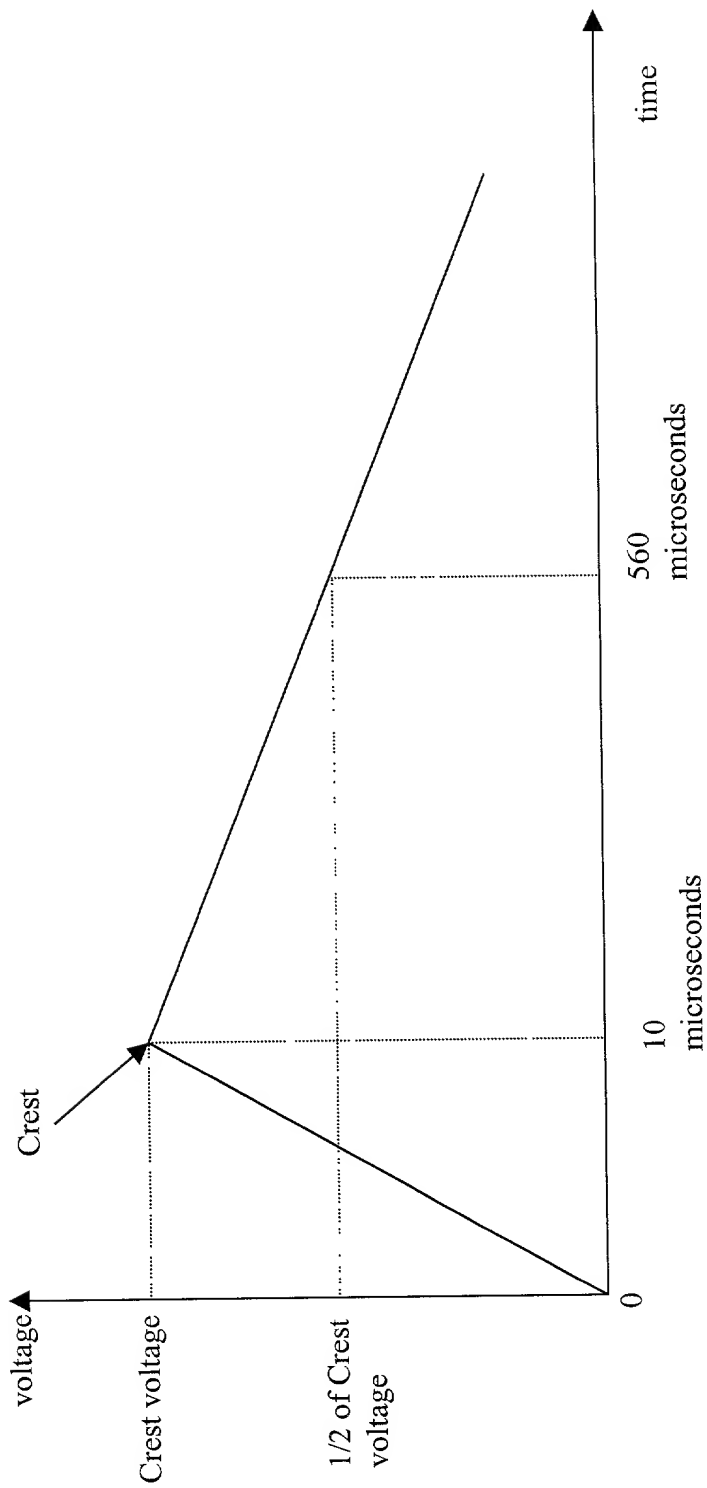


FIG. 14



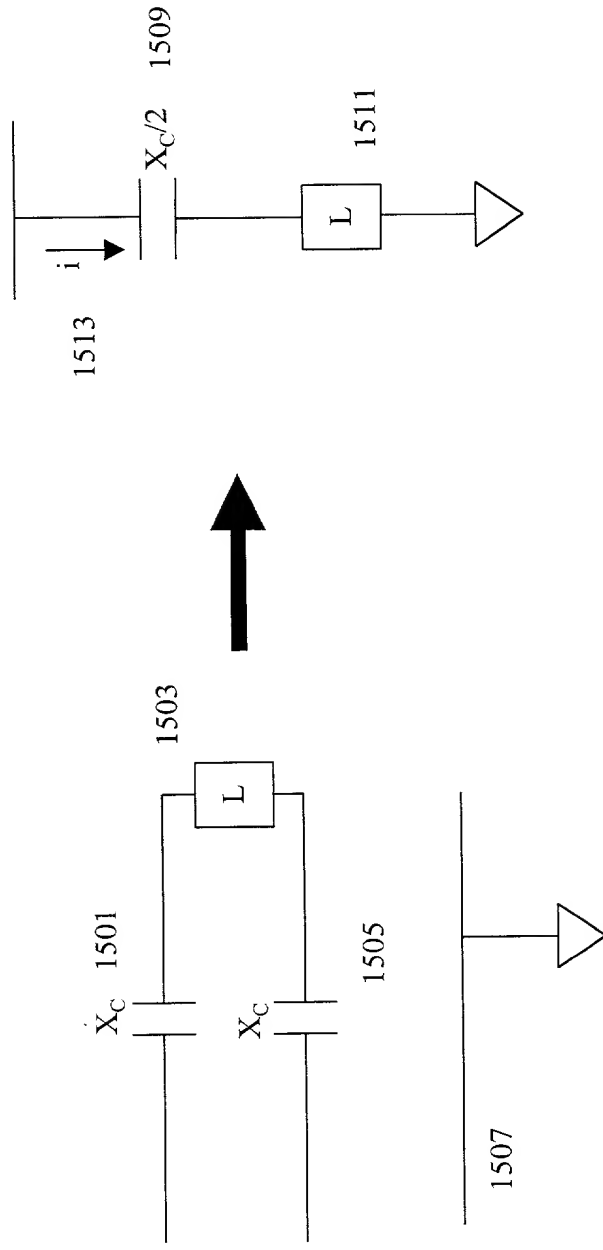


FIG. 15